



Comment Summary_Markup Summary

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March 11, 2022

ECA GeoTech (6)



Subject: Landslide-prone ECA complete stabilization

Page Index: 17

Author: dgriswold

X: 17.5843 in

Y: 4.8170 in

Layer: Review Comment

Review Type: ECA GeoTech

SMC 25.09.080 B.
Complete Stabilization
Sheet C3 of 5

See correction item on Sheet A204 about using the roof to convey stormwater on roof to south so that stormwater can flow to CB-1 by gravity flow.

For the stormwater and collected seepage that cannot be conveyed to CB-1 by gravity flow, show on the civil drawings where the sump and pump, and associated pipes, will be located. Include the long-term requirements on this sheet for frequent inspection/maintenance and backup power systems needed so that the pump system will be continually functions, even during periods with power outages.



Subject: Landslide-prone ECA complete stabilization

Page Index: 37

Author: dgriswold

X: 11.2958 in

Y: 5.5784 in

Layer: Review Comment

Review Type: ECA GeoTech

SMC 25.09.080 B.
Complete Stabilization
Sheet A204

Repeated Item

The flat roof can be designed to direct stormwater to the south side of the roof area, where it will be able to gravity flow to Catch Basin CB-1. This will reduce the landslide hazard by reducing the amount of collected water that needs to be pumped to a safe discharge point (CB-1).

Please update the stormwater drainage system to convey as much of the stormwater from the roof to CB-1 through gravity flow. This will require modifications to the slope of the roof, which is shown on Sheet A204 directing roof stormwater to the north to downspouts that will need to be conveyed to a sump and pump to reach CB-1.

It will be needed to convey some stormwater from the driveway and lower portions of the site through the sump and pump, the roof water should be able to be conveyed to the south to CB-1 by gravity flow, which will help mitigate the landslide hazard, as well as reduce the long-terms pumping costs.



Subject: Liability insurance basic

Page Index: 154

Author: dgriswold

X: 0.9500 in

Y: 1.8574 in

Layer: Review Comment

Review Type: ECA GeoTech

SMC 25.09.080 D and 22.170.080 A.1.
Repeated Item

Liability insurance is required by the ECA and Grading Codes. Contact Amber Udelhoven of City Risk Management at amber.udelhoven@seattle.gov to facilitate submittal of insurance forms from the contractor's insurance agent. Be prepared to provide the names of the excavation and shoring contractors.



Subject: Plan review and minimal risk
Page Index: 154
Author: dgriswold
X: 2.0127 in
Y: 1.7294 in
Layer: Review Comment
Review Type: ECA GeoTech

SMC 22.170.190 A.
Geotechnical Engineer's Plan Review and Minimum Risk Statement

Repeated Item

Provide a signed and stamped letter from the geotechnical engineer that includes review of the plans and provides a minimal risk statement in accordance with Director's Rule 5-2016.



Subject: Potential landslide area covenant
Page Index: 154
Author: dgriswold
X: 3.1266 in
Y: 2.0050 in
Layer: Review Comment
Review Type: ECA GeoTech

SMC 25.09.335 and SMC 22.170.080 C.
Potential Landslide Hazard Area Covenant
Repeated and Updated Item

Upload to the document portal a draft Potential Landslide Hazard Area Covenant. The covenant form includes permanent conditions, so the standard covenant form should not be used.

The covenant form and instructions was previously uploaded to the document portal. Please print the covenant form single-sided because King County does not accept double-sided documents. Do not write or stamp anything in the one-inch margins of the document.

During a subsequent review cycle, the SDCI Geotechnical Engineer who reviews this record will check the covenant and provide instructions for the next step in the covenant process.

Please contact the reviewer above if you wish to negotiate the language of this covenant with the Seattle Law Department.



Subject: Special Inspector nomination

Page Index: 154

Author: dgriswold

X: 4.1893 in

Y: 1.8958 in

Layer: Review Comment

Review Type: ECA GeoTech

SMC 22.170.130.

Repeated Item

Nominate a geotechnical engineering firm on the enclosed SDCI Geotechnical Special Inspections Schedule form. This form must be signed by the owner or owner's representative; the form cannot be signed by the contractor nor the geotechnical engineer. The Inspection Agency must be the same engineer/firm that prepared the geotechnical report. If the owner nominates a different engineer/firm to act as the Geotechnical Special Inspector, the new engineer must review the original geotechnical report and submit a letter indicating a review was performed, along with a statement of agreement with the evaluation and provisions contained in the report. If the new engineer does not agree with aspects of the report, rebuttal evaluations and recommendations must be included in the review letter. The plans must be revised accordingly and submitted to SDCI for review. Please do not fill in special inspection items on the enclosed form. Requests for changes of Special Inspection Agency that occur during plan review should be submitted with corrected plans. If the request occurs after permit issuance, contact the SDCI Geotechnical Engineer who reviewed this record.